PROGRAMMABLE DELAY, TRANSPARENT SWITCHING
MULTI-PORT INTERFACE LINE CARD

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Abstract

A network interface card and system incorporating the
interface card with hardware link failure detect circuitry and
10 operating system compliant driver and GUI management software and
system operator selectable delay, to provide soft fail-over
transfer from the primary to a secondary network link port without
data loss. The systems comprising the multi-port interface card
according to the present invention provide a single network and
15 redundant paths with optional conversion to different data medium,
e.g. between fiber optic and twisted pair, and also comprises
multi-network configurations connecting common equipment having the
multi-port interface card according to the present invention
therein.

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